

# MIKE-15/102 Gen 2 3-Position Gas Block Update

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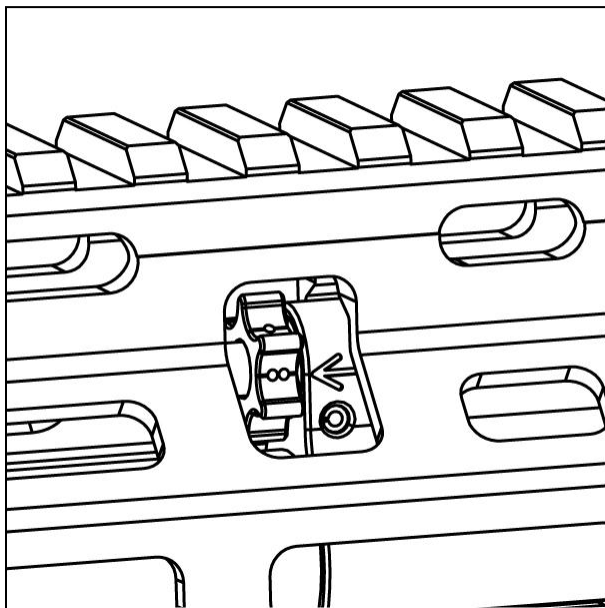
The gas system in your MIKE15/102 Gen 2 upper receiver is equipped with Foxtrot Mike Products new, patent pending, Gen 2 3-Position Gas Block.

This new 3-Position gas block is an upgrade to help regulate gas pressure and carrier velocity when using various types of ammunition or a silencer.

## OPERATION

Gas blocks get hot during use! We **ALWAYS** recommend using a small flat head screwdriver, or similar tool, to rotate the gas regulator between settings.

The click adjustable gas regulator features three different positions. The arrow on the right side of the gas block indicates what position is currently selected.



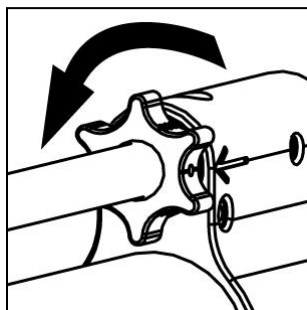
**SUPPRESSED (1-DOT)** - This setting has the smallest gas port, which restricts the gas as much as possible, for when you're running a silencer with high back pressure.

**STANDARD (2-DOT)** - This setting has an intermediate sized gas port. It was calculated to properly cycle and lock back on full powered, factory loaded, domestically produced mil-spec ammunition.

**DIRTY (3-DOT)** - This setting has the largest gas port, set-up to allow more gas through to cycle a bolt-carrier that is dirty or under lubricated. This is also the correct setting for running imported, underpowered ammunition.

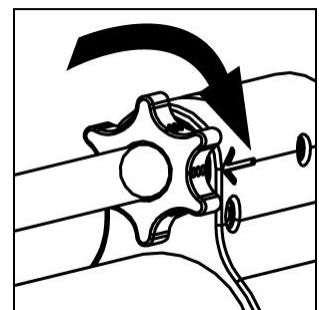
The gas regulator shown on the left is in the Standard (2-dot) position.

The gas regulator is setup to only rotate 180 degrees and then come to a complete stop. Always make sure you're turning the regulator in the correct direction.

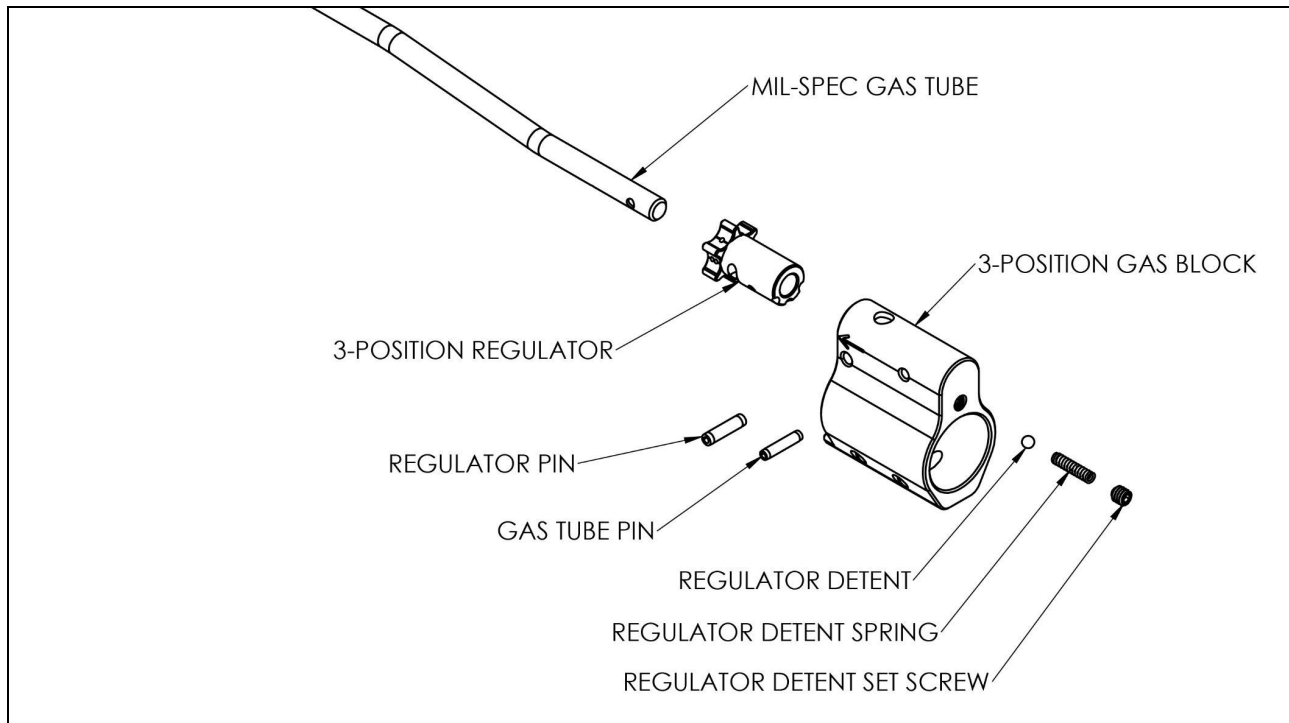


If the gas block arrow indicates you are on the suppressed (1-dot) setting, then you can only rotate counterclockwise to increase gas flow. (shown left)

If the gas block arrow indicates you are on the dirty (3-dot) setting, then you can only rotate clockwise to restrict gas flow. (shown right)



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## MAINTENANCE

Like any moving part on a firearm, the Gen 2 3-Position gas block requires cleaning and maintenance.

Whenever you field strip and clean your bolt carrier group (every 300-500 rounds) we recommend the following procedure.

1. With the bolt carrier group removed, prop up your upper receiver in a vertical position, muzzle side down on a shop rag to catch any oil.
2. Using a tube nozzle to reach inside the upper receiver, spray a shot of synthetic gun oil down the gas tube, with the intention of soaking oil into the interior of the gas regulator.
3. Carefully spray synthetic gun oil on the outside of the gas tube where it enters the gas regulator, with the intention of soaking oil in between the gas tube and regulator.
4. If the regulator is really stuck or dirty you may need to pull the handguard and spray synthetic gun oil into the inspection port on the top of the gas block, with the intention of soaking oil down into the regulator.
5. Give the synthetic gun oil at least an hour to soak into the assembly and loosen the carbon fouling, then begin working the regulator back and forth until it moves freely.

Keeping the regulator lubricated and moving freely between range sessions will help prevent it becoming bound up with carbon fouling.

If the regulator becomes bound up due to lack of maintenance, or from excessively dirty ammunition, it can be disassembled and thoroughly cleaned. It requires driving out the regulator and gas tube pins using a hammer and punch. **Spring pins are single use and should not be reused.**

Use a high temperature synthetic grease during reassembly to help keep the detent, spring, and regulator moving freely.

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